

INTERNATIONAL SEARCH REPORT

International application No.
PCT/FI 2005/000069

A. CLASSIFICATION OF SUBJECT MATTER

IPC7: H01H 85/20, H01H 9/10

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: H01H, H01R

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE, DK, FI, NO. classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPO-INTERNAL, WPI DATA, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 6459353 B1 (MATTLAR, H ET AL), 1 October 2002 (01.10.2002), column 3, line 32 - line 67 --	1-10
A	GB 2366099 A (COOPER TECHNOLOGIES CO), 27 February 2002 (27.02.2002), paragraph [0032], figure 4 --	1-10
A	DE 10055035 A1 (PETERREINS SCHALTTECHNIK GMBH), 16 May 2002 (16.05.2002), paragraphs [0032]-[0041] --	1-10

 Further documents are listed in the continuation of Box C. See patent family annex.

* Special categories of cited documents:

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier application or patent but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search	Date of mailing of the international search report
27 May 2005	07-06-2005
Name and mailing address of the ISA/ Swedish Patent Office Box 5055, S-102 42 STOCKHOLM Facsimile No. + 46 8 666 02 86	Authorized officer Irma Bornhede /LR Telephone No. + 46 8 782 25 00

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P,A	US 6692315 B1 (SOUILLON, O ET AL), 17 February 2004 (17.02.2004), column 1, line 34 - column 3, line 8 -- -----	1-10

INTERNATIONAL SEARCH REPORT
Information on patent family members

International application No.
PCT/FI 2005/000069

30/04/2005

US	6459353	B1	01/10/2002	CA	2328421	A	04/11/1999
				CN	1175456	C	10/11/2004
				CN	1298550	A,T	06/06/2001
				EP	1075704	A	14/02/2001
				FI	104522	B	00/00/0000
				FI	980933	A	29/10/1999
				WO	9956298	A	04/11/1999
<hr/>							
GB	2366099	A	27/02/2002	CA	2351879	A	30/12/2001
				CN	1335635	A	13/02/2002
				DE	10131649	A	07/02/2002
				ES	2189652	A,B	01/07/2003
				GB	0115864	D	00/00/0000
				IT	T020010631	A	30/12/2002
				PL	348400	A	02/01/2002
				SE	0102317	A	31/12/2001
				SE	0301530	A	22/05/2003
				TW	519666	B	00/00/0000
				US	6696969	B	24/02/2004
				US	20020067279	A	06/06/2002
				US	20040100387	A	27/05/2004
<hr/>							
DE	10055035	A1	16/05/2002	DE	20023027	U	14/11/2002
<hr/>							
US	6692315	B1	17/02/2004	AT	241212	T	15/06/2003
				AU	6449400	A	09/01/2001
				CA	2374184	A	28/12/2000
				DE	60002873	D,T	11/03/2004
				DK	1194943	T	15/09/2003
				EP	1194943	A,B	10/04/2002
				ES	2198338	T	01/02/2004
				FR	2795229	A,B	22/12/2000
				JP	2003502816	T	21/01/2003
				MX	PA01013050	A	04/11/2002
				NO	20015727	A	23/11/2001
				PT	1194943	T	31/10/2003
				WO	0079555	A	28/12/2000
				FR	2804858	A,B	17/08/2001
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